

BY ELECTRONIC MAIL

August 4, 2016

Ms. Susan Mackert
Department of Environmental Quality
Northern Regional Office
13901 Crown Court
Woodbridge, VA 22193

**RE: Dominion Possum Point Power Station VA0002071
Outfall 503 Weekly Discharge Monitoring and Site Activity Report**

Ms. Mackert:

Dominion is submitting this letter in accordance with Part I.A.4.(5) of the subject permit. Results of discharge sampling for Outfall 503 conducted during the week of July 24 – 30, 2016 are included on the enclosed Weekly Compliance Sampling Summary. In addition, a progress report summarizing the status of activities to the CCR Surface Impoundment Closure Project is attached with this report.

If you have any questions or need additional information, please contact Jeff Marcell at (703)-441-3813.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Jeffrey R. Marcell
Environmental Supervisor

WEEKLY COMPLIANCE SAMPLING SUMMARY

Facility Name:
Permit Number:
Outfall Number:

POSSUM POINT POWER STATION
VA0002071
503

Sample Week:
Report Due Date:

7/24/16 - 7/30/16
8/5/2016

Sample Date					7/25/2016	7/27/2016	7/29/2016
Analytical Report Date					NA	NA	8/4/2016 ¹
Parameter	Units	Frequency	Permit QL	Daily Maximum Limitation	Result	Result	Result
Flow	MGD	Weekly	NA	2.88	ND	ND	1.076
pH*	S.U.	Weekly	NA	NA	ND	ND	7.48
Total Suspended Solids	mg/L	Weekly	1.0	100	ND	ND	< QL
Oil & Grease	mg/L	Weekly	NA	20	ND	ND	< 5.0
Antimony, Total Recoverable	ug/L	Weekly	5.0	1300	ND	ND	< QL
Arsenic, Total Recoverable	ug/L	Weekly	5.0	440	ND	ND	< QL
Cadmium, Total Recoverable	ug/L	Weekly	0.88	2.6	ND	ND	< QL
Chromium III, Total Recoverable	ug/L	Weekly	5.0	160	ND	ND	< QL
Chromium VI, Total Recoverable	ug/L	Weekly	5.0	32	ND	ND	< QL
Copper, Total Recoverable	ug/L	Weekly	5.0	18	ND	ND	< QL
Lead, Total Recoverable	ug/L	Weekly	5.0	26	ND	ND	< QL
Mercury, Total Recoverable	ug/L	Weekly	0.1	2.2	ND	ND	< QL
Nickel, Total Recoverable	ug/L	Weekly	5.0	44	ND	ND	< QL
Selenium, Total Recoverable	ug/L	Weekly	5.0	15	ND	ND	< QL
Silver, Total Recoverable	ug/L	Weekly	0.4	4.0	ND	ND	< QL
Thallium, Total Recoverable	ug/L	Weekly	0.47	0.94	ND	ND	< QL
Zinc, Total Recoverable	ug/L	Weekly	25	180	ND	ND	< QL
Chloride	ug/L	Weekly	NA	670,000	ND	ND	110,000
Hardness, Total (as CaCO3)	mg/L	Weekly	NA	NL	ND	ND	144

Notes:

*pH values must remain between a minimum of 6.0 S.U. and a maximum of 9.0 S.U. at all times. pH values are measured in the field
Analytical results below the Permit Quantification level (QL) are to be reported as "<QL", as required in Section I.C.2 of the Permit

QL = Quantification Level

NA = Not Applicable

NL = No Limitation, monitoring required

ND = No discharge during the monitoring period

¹ A contract is in place to receive results for parameters identified in the VPDES permit with a monitoring frequency of "3/W" within four business days of taking the sample. The original analytical report for this sampling event was received on 8/2/2016. Due to an incorrect sample collection time and an incorrect reporting limit for Total Suspended Solids, a revised report was provided on 8/3/2016. Due to an incorrect method blank RL reported for TSS, an additional revised report was provided on 8/4/2016.

Dominion – Possum Point Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 7/30/16

- DEQ approval of the revised Concept Engineering Report (CER) for the Wastewater Treatment System was received on July 25, 2016.
- The revised CER was submitted to Prince William County (PWC) for approval on July 25, 2016.
- Provided information to DEQ via email dated July 28, 2016 regarding proposed strategies for complying with Wastewater Discharge Monitoring Requirements during low discharge conditions.
- Water was discharged from the Wastewater Treatment system (outfall 503) from July 28, 2016 – July 30, 2016 to facilitate the collection of weekly, monthly, and 24 hour composite acute toxicity samples. During this time, operation of the system was conducted in a manner consistent with the requirements of both the previous CER and the revised CER under review by PWC. A total of 1.227 MG was discharged via Outfall 503. Discharge durations during the month of July were not sufficient to support chronic toxicity sampling. Planned sampling activities were communicated to DEQ via email dated July 27, 2016 and acknowledged by DEQ via email dated July 28, 2016. The system was not operational during the remainder of the week.

Ongoing Activities

- Pumping of water from Ponds A, B, C and E to Pond D.
- Excavating of dry ash from Pond E within the pond footprint to facilitate loading operations.
- Transport of ash from Pond E to Pond D.
- Stock piling of dry ash from Ponds A, B, and C within the pond footprint to facilitate future loading operations.

Look Ahead

- Obtain CER approval from PWC and resume Wastewater Treatment System operation. Approval from PWC granted on August 3, 2016.
- Obtain guidance from DEQ regarding compliance sampling strategies during low discharge conditions.